Applicant: Akgun, et al.
Serial No. 09/899,365
"Communications of Packet Arrival Times
to Cable Modem Termination System and
Use Thereof"
MBHB Case No.01-026A   Atty:  TAF

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# FIG. 12

NOMINAL GRANT INTERVAL NOMINAL GRANT INTERVAL NOMINAL GRANT INTERVAL

300

302
310
302
310
302
310
310

$t_i$          $t_{i+1}$          $t_{i+2}$          $t_{i+3}$

$(t_{i+1} - t_i) = (t_{i+2} - t_{i+1}) = (t_{i+3} - t_{i+2})$

NOMINAL GRANT INTERVAL BOUNDARY

# FIG. 13

NOMINAL GRANT INTERVAL NOMINAL GRANT INTERVAL

320          302          320          302          320          302

p1          dg1          p2          dg2

310

VOICE SAMPLE SIZE          VOICE SAMPLE SIZE

310

LATENCY, L          LATENCY, L          310

$t_i$          $t_{i+1}$          $t_{i+2}$          $t_{i+3}$          $t_{i+4}$

▨ UNSOLICITED DATA GRANTS
▤ PACKETS CONTAINING G.711
   VOICE SAMPLES

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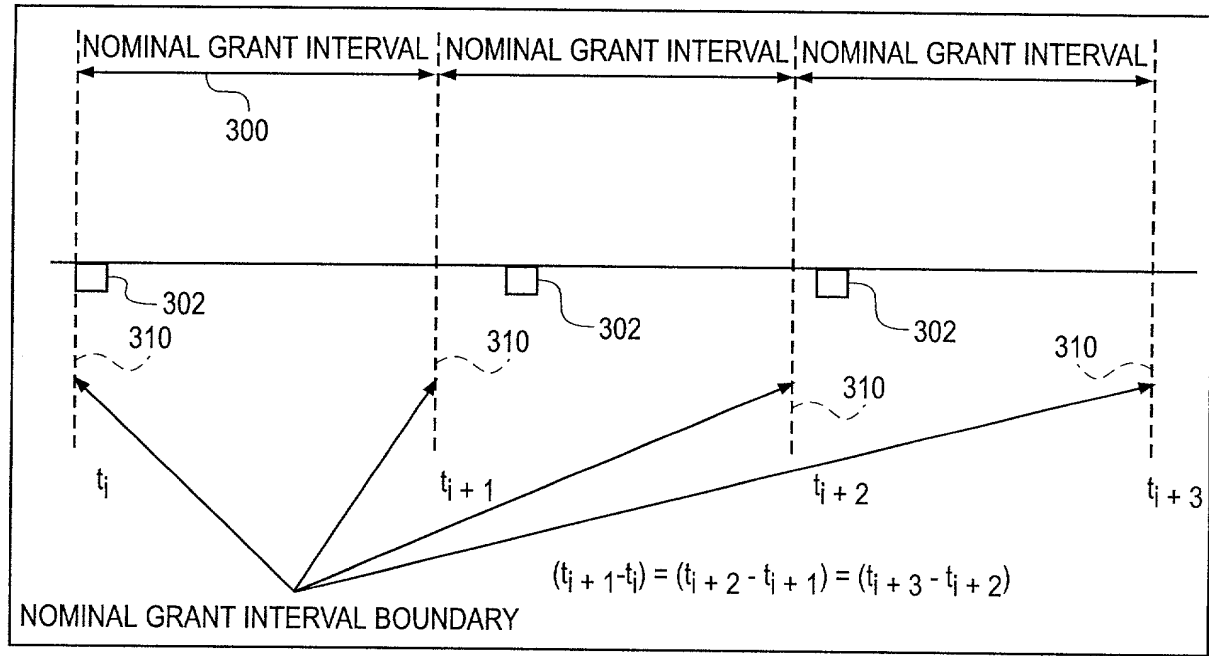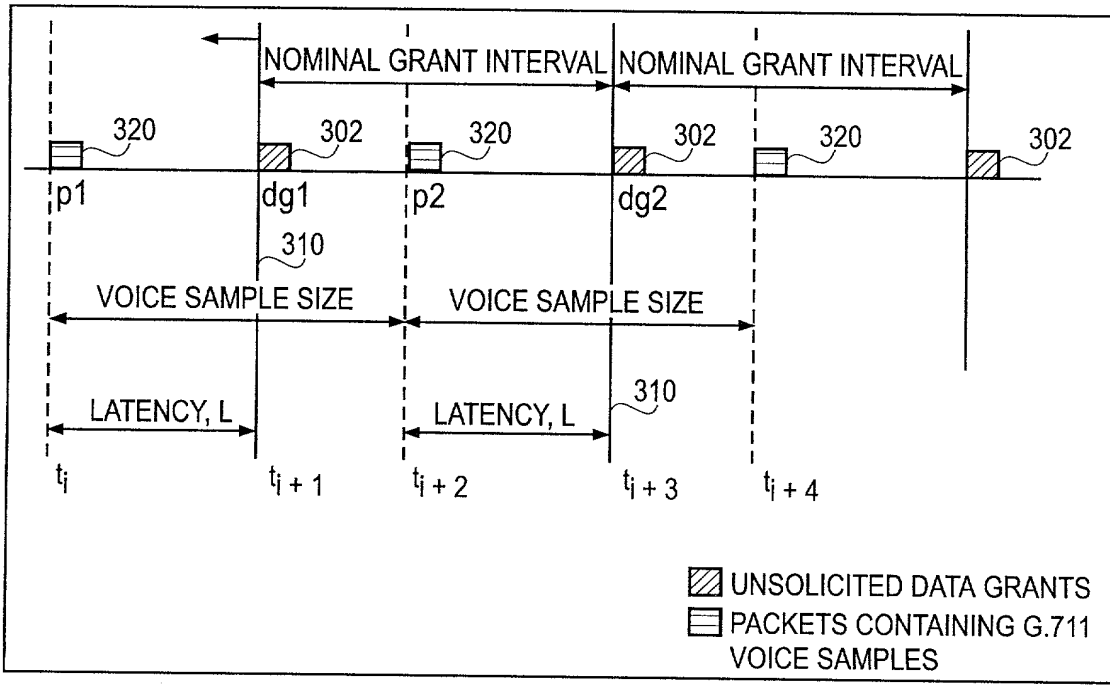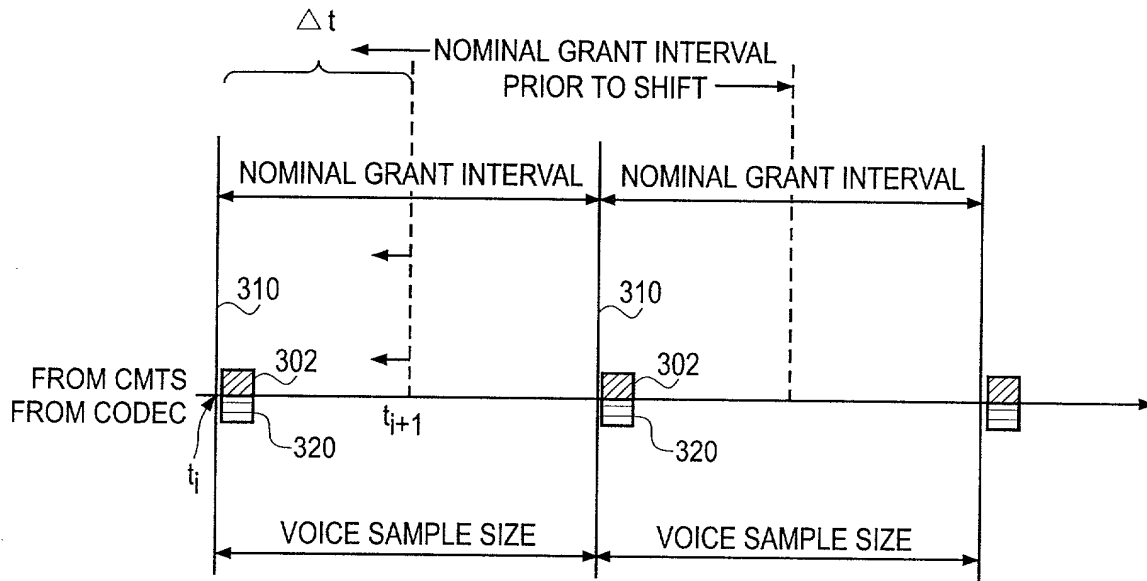
# FIG. 14



LATENCY = 0 DUE TO SHIFT IN NOMINAL GRANT
INTERVAL BY $\triangle t = t_{i+1} - t_i$

⬚ UNSOLICITED DATA GRANT, 302
⬚ PACKETS CONTAINING G.711 VOICE SAMPLES, 320